



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
45 L STREET NE  
WASHINGTON D.C. 20554

News media information 202-418-0500  
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

Report No. SES-02561

Wednesday April 26, 2023

## Satellite Communications Services re: Satellite Earth Station Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

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SES-AMD-20230327-00435    E    E220048    SpaceX Services, Inc.

Amendment

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service

SpaceX Services Inc. requests amendment to IBFS File No. SES-LIC-20220412-00385 to communicate with the SpaceX Gen 2 (S3069) satellite constellation, and to correct the Above Mean Sea Level.

**SITE ID:**                Kihei Ku Gateway

**LOCATION:**            Maui, Kihei, HI  
                              20 ° 44 ' 45.60 " N LAT.

156 ° 25 ' 55.20 " W LONG.

**ANTENNA ID:**    MLN-1                    1 meters                    Cobham                    MK3 Series

14000.0000 - 14500.0000 MHz                    240MD7W                    50.43 dBW                    Modulation and Services Modulation and  
Services BPSK up to 64QAM; Digital  
Data

10700.0000 - 12700.0000 MHz                    240MD7W                    0.00 dBW                    Modulation and Services Modulation and  
Services BPSK up to 64QAM; Digital  
Data

### Points of Communication:

Kihei Ku Gateway - SPACEX (S2983/3018) - (NGSO)

Kihei Ku Gateway - SpaceX GEN2 (S3069) - (NGSO)

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SES-LIC-20220412-00385    E    E220048    SpaceX Services, Inc.

Application for Authority

**Class of Station:**        Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

IBFS File No. SES-AMD-20230327-00435 requests amendment to communicate with the SpaceX Gen 2 (S3069) satellite constellation, and to correct the Above Mean Sea Level.

SITE ID: Kihe Ku Gateway

LOCATION: Maui, Kihei, HI

20 ° 44 ' 45.60 " N LAT.

156 ° 25 ' 55.20 " W LONG.

ANTENNA ID:	MLN-1	1 meters	Cobham	MK3 Series
14000.0000 - 14500.0000 MHz	240MD7W	50.43 dBW	Modulation and Services Modulation and Services BPSK up to 64QAM; Digital Data	
10700.0000 - 12700.0000 MHz	240MD7W	0.00 dBW	Modulation and Services Modulation and Services BPSK up to 64QAM; Digital Data	

**Points of Communication:**

Kihe Ku Gateway - SPACEX (S2983/3018) - (NGSO)

Kihe Ku Gateway - SpaceX GEN2 (S3069) - (NGSO)

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**SES-MOD-20230317-00463** E E220121 WorldVu Satellites Limited

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

WorldVu Satellites Limited requests modification of its blanket eath station to increase the EIRP and EIRP density.

SITE ID: Blanket UT Fixed

LOCATION: 1785 Greensboro Station Place Tower 3, Suite 500, Fairfax, McLean, VA

ANTENNA ID:	9 dB/K SP	0.53 meters	Intellian	OW50P-IT-001
14000.0000 - 14500.0000 MHz	20M0G7D	36.60 dBW	Emission range of 2M40G7D-20M0G7D using Adaptive Code Modulation with QPSK, 8PSK, 16QAM at variable coding rates.	
14000.0000 - 14500.0000 MHz	2M40G7D	36.60 dBW	Emission range of 2M40G7D-20M0G7D using Adaptive Code Modulation with QPSK, 8PSK, 16QAM at variable coding rates.	
10700.0000 - 12700.0000 MHz	250MG7D	0.00 dBW	Adaptive Code Modulation utilizing QPSK, 8PSK, 16QAM at variable coding rates.	

**Points of Communication:**

Blanket UT Fixed - ONEWEB (S2963) - (NGSO)

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**SES-MOD-20230327-00436**      E   E190164      SpaceX Services, Inc.

Application for Modification

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service

SpaceX Services, Inc. requests modification of its fixed gateway earth station in Conrad, MT to change the geographical coordinates, and to communicate with the non geostationary orbit (NGSO) satellite constellation SpaceX GEN2 (S3069) in the current licensed frequency bands.

SITE ID:      1

LOCATION:      Pondera, Conrad, MT  
48 ° 12 ' 11.90 " N LAT.

111 ° 56 ' 43.00 " W LONG.

ANTENNA ID:	CND-1	1 meters	Cobham	MK3 series
14000.0000 - 14500.0000 MHz	240MD7W	50.43 dBW	BPSK up to 64QAM; Digital Data	
10700.0000 - 12700.0000 MHz	240MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data	

**Points of Communication:**

1 - SPACEX (S2983) - (NGSO)

1 - SpaceX GEN2 (S3069) - (NGSO)

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**SES-MOD-20230327-00437**      E   E190129      SpaceX Services, Inc.

Application for Modification

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service

SpaceX Services, Inc. requests modification of its fixed gateway earth station in Merrillan, WI, to communicate with the non geostationary orbit (NGSO) satellite constellation SpaceX GEN2 (S3069) in the current licensed frequency bands.

SITE ID:      1

LOCATION:      Jackson, Merrillan, WI  
44 ° 24 ' 22.80 " N LAT.

90 ° 48 ' 51.40 " W LONG.

ANTENNA ID:	1	1 meters	Cobham	MK3 series
14000.0000 - 14500.0000 MHz	240MD7W	50.43 dBW	BPSK up to 64QAM; Digital Data	
10700.0000 - 12700.0000 MHz	240MD7W	0.00 dBW	BPSK up to 64QAM; Digital Data	

**Points of Communication:**

1 - SPACEX (S2983) - (NGSO)

1 - SpaceX GEN2 (S3069) - (NGSO)

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**SES-STA-20221220-01414**      E      Universal Space Network, Inc.

Special Temporary Authority

**Class of Station:**

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Universal Space Network, Inc. requests special temporary authority for 180 days, beginning on July 2, 2023, to operate its fixed earth station in Naalehu, HI for launch and early orbit phase (LEOP) support, and telemetry tracking and command (TT&C) services for the H2SAT satellite in the 2104.5-2105.5 MHz (Earth-to-space), and 2285.473-2286.473 MHz (space-to-Earth) frequency bands..

**Points of Communication:**

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For more information concerning this Notice, contact the Earth Station Licensing Division at (202) 418-0719.